

Exhibit A

7



## CURRICULUM VITAE

Name: Robert George Ackman

Business Address: - Department of Food Science and Technology  
Canadian Institute of Fisheries Technology  
Technical University of Nova Scotia  
P.O. Box 1000  
Halifax, Nova Scotia  
B3J 2X4

Phone: (902) 420-7734  
Fax: (902) 420-0219

Home Address: 60 Sinclair Street  
Dartmouth, Nova Scotia  
B2Y 1S3

Phone: (902) 469-5001

Date of Birth: September 27, 1927

Place of Birth: Dorchester, N.B.

Marital Status: Married - 2 children

Education: Various schools in New Brunswick and Ontario

B.A. - University of Toronto, 1950  
Honours course in mathematics, physics and chemistry, graduating in organic chemistry.

M.Sc. - Dalhousie University, 1952  
Thesis Subject: A New Approach to Fractionating Molecular Distillation.

Ph.D. - University of London, Imperial College of Science and Technology, 1956.  
Thesis Subject: The Varrentrapp Reaction (Fusion of Unsaturated Fatty Acids in Molten Alkali).

Robert George Ackman

Curriculum Vitae

Employment Record:

1950-1953	Atlantic Fisheries Experimental Station of Fisheries Research Board of Canada, Junior Research Assistant and later Research Assistant. Resigned for post-graduate study.
1956-1961	Research Chemist, Halifax Laboratory, F.R.B.C.
1961-1967	Program Head, Marine Oils, Halifax Laboratory, F.R.B.C.
1965-1967	Assistant Director, Halifax Laboratory, F.R.B.C.
1967-1968	Technological Consultant to Chairman, F.R.B.C., Ottawa
1968-1972	Group Leader, Marine Lipids, Halifax Laboratory, F.R.B.C.
1973-1979	Division Chief, Marine Lipids, Halifax Laboratory, Department of Environment and Fisheries.
1979-1991	Professor, Canadian Institute of Fisheries Technology and Department of Food Science and Technology, Technical University of Nova Scotia, Halifax.
1991-	Research Professor, Canadian Institute of Fisheries Technology and Department of Food Science and Technology, Technical University of Nova Scotia, Halifax.

Publications: 500

Awards:

1972	Fellowship in the Chemical Institute of Canada
1976	Earl McFee award for distinguished service to world-wide fisheries technology.
1977	Agradex International Award for contributions to nutrition research.
1979	Government of Canada Merit Award for outstanding achievements in the Public Service of Canada.
1980	Selected by International Society of Fat Research to receive H.P. Kaufmann memorial medal at Joint ISF/AOCS Congress, New York.

**Robert George Ackman**

**Curriculum Vitae**

- 1988                      Awarded visiting fellowship by Japan Society for the Promotion of Science.
- 1994                      Supelco-AOCS Research Award for outstanding original research on fats, oil and lipids.

Special Services:

Expert participating in FAO/WHO Expert Consultation on Fats and Oils in Human Nutrition, Rome, 1977.

Canadian delegate to Codex Alimentarius meeting, London, 1976.

Former Chairman, National Research Council Associate Committee on Fats and Oils.

Member, Editorial Board, Lipids.

Associate Referee on Fats and Oils, Association of Official Analytical Chemists.

Member, Editorial Board, Lipid Technology.

Member, Technical Committee ISO/TC 34/SC 11, Subcommittee on Animal and Vegetable Fats and Oils, Canadian Advisory Committee on FAO/UN International Organization for Standardization.

Member, "Expert Committee on Plant Products" of Canada Committee on Foods.

Past Vice-Chairman, Environment Division, Chemical Institute of Canada.

Member, Steering Committee 1982 World Conference on Edible Oil Processing.

Member, Editorial Board, Proceedings Nova Scotia Institute of Science.

Member, "Expert Committee on Fats and Other Lipids" of Canada Committee on Foods.

Member, Advisory Board, National Marine Fisheries Service - National Institutes of Health joint fish oil - human health program, 1987.

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Curriculum Vitae

Member, Editorial Board, Omega-3 News

Consultant, Technical Committee, Council for Responsible Nutrition, Washington, D.C., 1988.

Past Member, Plant Biology Grant Selection Committee, Natural Sciences Research and Engineering Council of Canada.

Expert on fish oils and health, appearing before the Standing Senate Committee on Fisheries, St. Andrews, N.B., 1988.

Past Member, Board of Governors of the American Oil Chemists' Society.

Honorary Adjunct Professor, Department of Oceanography, Dalhousie University.

Member, Board of Directors, International Society for the Study of Fatty Acids and Lipids.

Interests:

- Natural fats, oils and lipids of plant or animal origin
- Composition, production and refining of fats and oil products
- Biochemistry and nutritional values of fats, oils and lipids
- Specialist in fish, seal and whale oils
- Rancidity and preservation problems in foods with emphasis on fishery products
- Contaminants and safety factors in edible fats and oils
- Ocean production processes and lipid or fat accumulation and transfer
- Petroleum origin and role as contaminant in fishery products
- Nutrition of salmonids with special reference to fatty acids